

Form PTO-1449

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No.
A-7145Serial No.
09/760,961Applicant
Hrastar, et al.Filing Date
JANUARY 16, 2001Group
2664 2661**U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
qmu	A.	3,985,962	Oct. 12, 1976	Jones et al.	179	15	
qmu	B.	4,186,380	Jan. 29, 1980	Edwin et al.	340	147	
qmu	C.	4,207,431	Jan. 10, 1980	McVoy	179	1	
	D.	4,361,851	Nov. 30, 1982	Asip et al.	358	84	
	E.	4,475,123	Oct. 2, 1984	Dumbauld et al.	358	114	
	F.	4,491,983	Jan. 1, 1985	Pinnow et al.	455	612	
	G.	4,528,589	Jul. 9, 1985	Block et al.	358	122	
	H.	4,536,791	Aug. 20, 1985	Campbell et al.	358	122	
	I.	4,577,224	Mar. 18, 1986	Ost	358	114	
	J.	4,601,028	Jul. 15, 1986	Huffman et al.	370	15	
↓	K.	4,633,462	Dec. 30, 1986	Stifle et al.	370	85	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED:

7/7/04

Form PTO-1449					Attorney Docket No. A-7145	Serial No. 09/760,961
INFORMATION DISCLOSURE CITATION					Applicant Hrastar, et al.	
(Use several sheets if necessary)					Filing Date JANUARY 16, 2001	Group 2664 2661

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
4lw	L.	4,641,304	Feb. 3, 1987	Raychaudhuri	370	95	
	M.	4,672,533	Jun. 9, 1987	Noble et al.	364	200	
	N.	4,757,460	Jul. 12, 1988	Bione et al.	364	514	
	O.	4,771,391	Sep. 13, 1988	Blasbalg	364	514	
	P.	4,804,248	Feb. 14, 1989	Bhagavatula	350	96	
	Q.	4,823,386	Apr. 18, 1989	Dumbauld et al.	380	13	
	R.	4,858,224	Aug. 15, 1989	Nakano et al.	370	16	
	S.	4,907,224	Mar. 6, 1990	Scoles et al.	370	85.2	
	T.	4,912,721	Mar. 27, 1990	Pidgeon, Jr. et al	375	1	
	U.	4,980,886	Dec. 25, 1990	Bernstein	370	80	
✓	V.	5,012,469	Apr. 30, 1991	Sardana	370	95.3	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE: <i>Anthony J. Sardana</i>	DATE CONSIDERED: 7/7/04
---	-------------------------

Form PTO-1449

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No.
A-7145Serial No.
09/760,961Applicant
Hrastar, et al.Filing Date
JANUARY 16, 2001Group
2664 2661**U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>duw</i>	W.	5,014,125	May 7, 1991	Pocock et al.	358	86	
	X.	5,050,213	Sep. 17, 1991	Shear	380	25	
	Y.	5,113,499	May 12, 1992	Ankney et al.	395	325	
	Z.	5,131,041	Jul. 14, 1992	Brunner et al.	370	58.2	
	AA.	5,136,690	Aug. 4, 1992	Becker et al.	395	161	
	AB.	5,142,690	Aug. 25, 1992	McMullan, Jr. et al	455	6.1	
	AC.	5,155,590	Oct. 13, 1992	Beyers, II et al.	358	86	
	AD.	5,157,657	Oct. 20, 1992	Potter et al.	370	85	
	AE.	5,159,592	Oct. 27, 1992	Perkins	370	85.7	
	AF.	5,166,930	Nov. 24, 1992	Braff et al.	370	94.1	
	AG.	5,166,931	Nov. 24, 1992	Riddle	370	94.1	
	AH.	5,181,107	Jan. 19, 1993	Rhoades	358	86	
<i>✓</i>	AI.	5,185,860	Feb. 9, 1993	Wu	395	200	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

Anthony J. Frider

DATE CONSIDERED:

7/7/04

Form PTO-1449

Attorney Docket No.
A-7145Serial No.
09/760,961**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Applicant
Hrastar, et al.Filing Date
JANUARY 16, 2001Group
2664 2661**U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
Qahr	AJ.	5,195,092	Mar. 16, 1993	Wilson et al.	370	94.2	
Qahr	AK.	5,208,665	May 4, 1993	McCalley et al.	358	86	
	AL.	5,214,390	May 25, 1993	Montreuil	329	309	
	AM	5,226,120	Jul. 6, 1993	Brown et al.	395	200	
	AN	5,235,619	Aug. 10, 1993	Beyers, II et al.	375	38	
	AO	5,239,540	Aug. 24, 1993	Rovira et al.	370	77	
	AP	5,251,324	Oct. 5, 1993	McMullan Jr.	455	2	
	AQ	5,261,044	Nov. 9, 1993	Dev et al.	395	159	
	AR	5,271,041	Dec. 14, 1993	Montreuil	375	97	
	AS	5,276,789	Jan. 4, 1994	Besaw et al.	395	140	
✓	AT	5,278,833	Jan. 11, 1994	Crisler et al.	370	95	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:	<i>Anthony J. Farnan</i>	DATE CONSIDERED:	<i>7/7/04</i>
-----------------------	--------------------------	------------------	---------------

Form PTO-1449

Attorney Docket No.

A-7145

Serial No.

09/760,961

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant

Hrastar, et al.

Filing Date
JANUARY 16, 2001Group
2664 2661**U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>July</i>	AU.	5,287,351	Feb. 15, 1994	Wall, Jr.	370	77	
	AV.	5,295,140	Mar. 15, 1994	Crisler et al.	370	94.1	
	AW	5,295,244	Mar. 15, 1994	Dev et al.	395	161	
	AX.	5,303,234	Apr. 12, 1994	Kou	370	85.2	
	AY.	5,327,554	Jul. 5, 1994	Palazzi, III et al.	395	600	
	AZ.	5,333,183	Jul. 26, 1994	Herbert	379	112	
	BA.	5,347,304	Sept. 13, 1994	Moura et al.			
	BB.	5,361,259	Nov. 1, 1994	Hunt et al.			
	BC.	5,384,777	Jan. 24, 1995	Ahmadi et al.	370	85.2	
	BD.	5,390,181	Feb. 14, 1995	Campbell et al.	370	85.2	
	BE.	5,404,505	Apr. 4, 1995	Levinson	395	600	
	BF.	5,423,003	Jun. 6, 1995	Berteau	395	200	
✓	BG.	5,423,006	Jun. 6, 1995	Brown et al.	395	275	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:	<i>Anthony Hahn</i>	DATE CONSIDERED:	<i>7/7/04</i>
-----------------------	---------------------	------------------	---------------

Form PTO-1449

Attorney Docket No.
A-7145Serial No.
09/760,961**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Applicant
Hrastar, et al.Filing Date
JANUARY 16, 2001Group
2664 2661**U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
fulin	BH.	5,436,909	Jul. 25, 1995	Dev et al.	371	20.1	
	BL.	5,440,555	Aug. 8, 1995	Momona	370	79	
	BJ.	5,471,399	Nov. 28, 1995	Tanaka et al.	364	491	
	BK.	5,473,599	Dec. 5, 1995	Li et al.	370	16	
	BL.	5,481,542	Jan. 2, 1996	Logston et al.	370	94.2	
	BM:	5,483,631	Jan. 9, 1996	Nagai et al.	395	155	
	BN.	5,504,921	Apr. 2, 1996	Dev et al.	395	800	
	BO.	5,515,361	May 7, 1996	Li et al.	370	15	Feb. 25, 1995
	BP.	5,515,418	May 7, 1996	Yamaguchi et al.	379	34	Apr. 27, 1993
	BQ.	5,517,488	May 14, 1996	Miyazaki et al.	370	16	Jun. 21, 1993
	BR.	5,517,502	May 14, 1996	Bestler et al.	370	94.2	Mar. 2, 1995
✓	BS.	5,517,618	May 14, 1996	Wada et al.	395	200	Feb. 8, 1993

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

Anthony Hrastar

DATE CONSIDERED:

7/7/04

Form PTO-1449					Attorney Docket No. A-7145	Serial No. 09/760,961	
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>					Applicant Hrastar, et al.		
					Filing Date JANUARY 16, 2001	Group 2664 2661	

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>dulv</i>	BT.	5,521,925	May 28, 1996	Merakos et al.	370	95.3	Sep. 9, 1993
	BU.	5,533,108	Jul. 2, 1996	Harris et al.	379	201	Mar. 18, 1994
	BV.	5,534,913	Jul. 9, 1996	Majeti et al.	348	7	Mar. 31, 1994
	BW.	5,535,206	Jul. 9, 1996	Bestler et al.	370	79	Feb. 7, 1995
	BX.	5,535,403	Jul. 9, 1996	Li et al.	395	800	Apr. 12, 1993
	BY.	5,553,287	Sep. 3, 1996	Bailey et al.	395	650	Jun. 16, 1994
	BZ.	5,572,640	Nov. 5, 1996	Schettler	395	140	Dec. 1, 1994
	CA.	5,586,121	Dec. 12, 1996	Moura et al.			
	CB.	5,594,798	Jan. 14, 1997	Cox et al.	380	49	Jun. 6, 1995
	CC.	5,604,528	Feb. 18, 1997	Edwards et al.	348	5.5	May 9, 1994
	CD.	5,608,446	May 9, 1995	Carr et al.			
	CE.	5,610,910	Mar. 11, 1997	Focsaneanu et al.	370	351	Aug. 17, 1995
	CF.	5,612,959	Mar. 18, 1997	Takase et al.			
↓	CG.	5,644,706	Jul. 1, 1997	Ruigrok et al.	395	185.01	Apr. 30, 1996

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, etc.*)

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE: <i>dulvynfralur</i>	DATE CONSIDERED: <i>7/7/04</i>
--	-----------------------------------

Form PTO-1449

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No.
A-7145
Serial No.
09/760,961Applicant
Hrastar, et al.Filing Date
JANUARY 16, 2001 Group
2664 2661**U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
dalu	CH.	5,650,994	Jul. 22, 1997	Daley	370	259	May 16, 1995
	CI.	5,654,746	Aug. 5, 1997	McMullan, Jr. et al.	348	6	Dec. 1, 1994
	CJ.	5,675,732	Oct. 7, 1997	Majeti et al.	395	200.01	May 8, 1995
	CK.	5,701,465	Dec. 23, 1997	Baugher et al.	395	610	Jul. 1, 1996
	CL.	5,706,277	Jan. 6, 1998	Klink	370	220	May 10, 1994
	CM.	5,708,655	Jan 13, 1998	Toth et al.	370	313	Jan. 14, 1996
	CN.	5,710,884	Jan. 20, 1998	Dedrick	395	200.47	Mar. 29, 1995
	CO.	5,712,897	Jan. 27, 1998	Ortel	379	22	Dec. 27, 1995
	CP.	5,720,025	Feb. 17, 1998	Wilkes et al.	395	182.04	Jan. 18, 1996
	CQ.	5,721,780	Feb. 24, 1998	Ensor et al.	380	25	May 31, 1995
	CR.	5,724,492	Mar. 3, 1998	Matthews, III et al.	395	119	Jun. 8, 1995
↓	CS.	5,729,682	Mar. 17, 1998	Marquis et al.	395	200	Jun. 7, 1995

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED:

7/7/04

Form PTO-1449

Attorney Docket No.

A-7145

Serial No.

09/760,961

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant

Hrastar, et al.

Filing Date
JANUARY 16, 2001Group
2664 2661**U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
qulu	CT.	5,737,311	Apr. 7, 1998	Wyld	370	227	Jan. 11, 1996
	CU.	5,737,316	Apr. 7, 1998	Lee	370	248	May 2, 1995
	CV.	5,751,706	May 12, 1998	Land et al.	370	352	Jun. 5, 1996
	CW.	5,751,707	May 12, 1998	Voit et al.	370	384	Nov. 30, 1995
	CX.	5,751,971	May 12, 1998	Dobbins et al.	395	200.68	July 12, 1995
	CY.	5,768,280	Jun. 16, 1998	Way	370	486	Oct. 16, 1996
	CZ.	5,790,548	Aug. 4, 1998	Sistanizadeh et al.			
	DA.	5,790,806	Aug. 4, 1998	Koperda	395	200.82	April 3, 1996
	DB.	5,793,753	Aug. 11, 1998	Hershey et al.	370	252	Sep. 17, 1996
	DC.	5,796,718	Aug. 18, 1998	Caterisano	370	217	Sep. 30, 1996
	DD.	5,799,002	Aug. 25, 1998	Krishnan	370	234	Jul. 2, 1996
	DE.	5,799,016	Aug. 25, 1998	Onweller	370	401	Jan. 11, 1996
	DF.	5,805,591	Sep. 8, 1998	Naboulsi et al.	370	395	Feb. 28, 1996
↓	DG.	5,805,596	Sep. 8, 1998	Kranzler et al.	370	445	Dec. 21, 1995

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

qulunyfraser

DATE CONSIDERED:

7/7/04

Form PTO-1449					Attorney Docket No. A-7145	Serial No. 09/760,961	
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>					Applicant Hrastar, et al.		
					Filing Date JANUARY 16, 2001	Group 2664 2661	

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>duke</i>	DH.	5,808,671	Sep. 15, 1998	Maycock et al.	348	180	Nov. 22, 1995
	DI.	5,808,886	Sept. 15, 1998	Suzuki et al.			
	DJ.	5,812,819	Sep. 22, 1998	Rodwin et al.	395	500	Jun. 5, 1995
	DK.	5,818,845	Oct. 6, 1998	Moura et al.			
	DL.	5,822,319	Oct. 13, 1998	Nagami et al.	370	392	May 17, 1996
	DM.	5,828,655	Oct. 27, 1998	Moura et al.			
	DN.	5,828,666	Oct. 27, 1998	Focsaneanu et al.	370	389	Mar. 6, 1997
	DO.	5,835,696	Nov. 10, 1998	Hess			
	DP.	5,841,468	Nov. 24, 1998	Wright	348	6	Apr. 26, 1996
	DQ.	5,845,091	Dec. 1, 1998	Dunne et al.	395	200.7	Feb. 15, 1996
	DR.	5,859,852	Jan. 12, 1999	Moura et al.			
	DS.	5,881,243	Mar. 9, 1999	Zaumen et al.	395	200.71	May 7, 1997
	DT.	5,884,024	Mar. 16, 1999	Lim et al.	395	187.01	Dec. 9, 1996
	DU.	5,884,284	Mar. 16, 1999	Peters et al.	705	30	Aug. 6, 1997
	DV.	5,892,812	Apr. 6, 1999	Pester, III	379	34	Jun. 5, 1997
✓	DW.	5,894,479	Apr. 13, 1999	Mohammed	370	401	Dec. 10, 1996

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, etc.*)

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE: <i>duke</i>	DATE CONSIDERED: <i>7/7/04</i>
-----------------------------------	--------------------------------

Form PTO-1449 INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>					Attorney Docket No. A-7145	Serial No. 09/760,961
					Applicant Hrastar, et al.	
					Filing Date JANUARY 16, 2001	Group 2664 2661

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>Adler</i>	DX.	5,903,572	May 11, 1999	Wright et al.	370	524	Sep. 4, 1997
	DY.	5,905,714	May 18, 1999	Havansi	370	242	Feb. 28, 1995
	DZ.	5,959,972	Sep. 28, 1999	Hamami	370	228	May 27, 1997
	EA.	5,966,163	Oct. 12, 1999	Lin et al.	348	12	Oct. 16, 1996
	EB.	5,999,970	Dec. 7, 1999	Krisbergh et al.	709	217	Apr. 10, 1996
	EC.	6,018,767	Jan. 25, 2000	Fijolek et al.	709	218	Feb. 24, 1998
	ED.	6,028,860	Feb. 22, 2000	Laubach et al.	370	395	Oct. 23, 1996
	EE.	6,032,266	Feb. 29, 2000	Ichinohe et al.	714	9	Apr. 3, 1997
	EF.	6,049,826	Apr. 11, 2000	Beser	709	222	Feb. 2, 1998
▼	EG.	6,052,819	Apr. 18, 2000	Barker et al.	714	776	Apr. 11, 1997
	EH.	6,055,224	Apr. 25, 2000	King	370	217	Dec. 30, 1996

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE: <i>Julian Fraln</i>	DATE CONSIDERED: <i>7/7/04</i>
---	--------------------------------

Form PTO-1449

Attorney Docket No.
A-7145Serial No.
09/760,961**INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

Applicant
Hrastar, et al.Filing Date
JANUARY 16, 2001Group
2664 2661**U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>filed</i>	EI.	6,058,421	May 2, 2000	Fijolek et al.	709	225	Feb. 4, 1998
	EJ.	6,065,049	May 16, 2000	Beser et al.	709	218	Feb. 4, 1998
<i>✓</i>	EK.	6,070,246	May 30, 2000	Beser	713	201	Feb. 4, 1998

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							<i>Yes</i> <i>No</i>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>filed</i>	EL.	Data-Over Cable Service Interface Specifications; Cable Modem to Customer Premise Equipment Interface Specification; SP-CMCI-I02-980317; 1988; Cable Television Laboratories, Inc.; pps. 1-40
	EM.	Data-Over Cable Service Interface Specifications; Cable Modem Telephony Return Interface Specification; SP-CMTRI-I01-970804; 1997; Cable Television Laboratories, Inc.; pps. 1-74
	EN.	Data-Over Cable Service Interface Specifications; Radio Frequency Interface Specification; SPRFIv1.1-I01-990311; 1999; Cable Television Laboratories, Inc.; pps. 1-310
	EO.	Data-Over Cable Technical Reports; Operations Support System Framework for Data Over Cable Services; TR-DOCS-OSSIW08-961016; 1996; MCNS Holdings, LP; pps. 1-20
	EP.	Data-Over Cable Service Interface Specifications; Operations Support System Interface Specification; SP-OSSI-I02-990113; 1999; Cable Television Laboratories, Inc.; pps. 1-26
<i>✓</i>	EQ.	Data-Over Cable Service Interface Specifications; Operations Support System Interface Specification Radio Frequency Interface; SP-OSSI-RFI-I03-990113; 1999; Cable Television Laboratories, Inc.; pps. 1-29

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

debra j. gruber

DATE CONSIDERED:

7/7/04

Form PTO-1449

Attorney Docket No.

Serial No.

A-7145

09/760,961

Applicant
Hrastar, et al.Filing Date
JANUARY 16, 2001Group
*2664 2661***INFORMATION DISCLOSURE CITATION**

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>Julian</i>	ER.	Data-Over Cable Service Interface Specifications; Operations Support System Interface Specification Baseline
		Privacy Interface MIB; SP-OSSI-BPI-I01-980331; 1997 & 1998; MCNS Holdings, LP; pps. 1-33
	ES.	Data-Over Cable Service Interface Specifications; Radio Frequency Interface Specification
		SP-RFI-I04-980724; 1997; Cable Television Laboratories, Inc.; pp. 1-196
	ET.	Radio Frequency (RF) Interface Management Information Base for MCNS Complaint RF Interfaces Draft-ietf-ipcdn-rf-interface-mib-04.txt; May 22, 1009; Guenter Roeck (editor); pps. 1-55
		Cable Device Management Information Base for MCNS Complaint Cable Modems and Cable Modem
	EU.	Termination Systems draft-ietf-ipcdn-cable-device-mib-04.txt; May 22, 1998; Guenter Roeck (editor); pps. 1-32
		Baseline Privacy Interface Management Information Base for MCNS Complaint Cable Modems and Cable Modem Termination Systems; R. Woundy; 1/17/99; pps. 1-35
	EW.	Logical IP Subnetworks over IEEE 802.14 Services; Mark Laubach; 3/13/98; pps. 1-13
<i>↓</i>	EX.	A Distribute Queueing Random Access Protocol for a broadcast Channel; Wenxin Xu and Graham Campbell;
		Illinois Institute of Technology (Comp. Science Dept.); pps. 1-9

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE: <i>Anthony Julian</i>	DATE CONSIDERED: <i>7/7/04</i>
---	--------------------------------

Form PTO-1449

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No.
A-7145Serial No.
09/760,961Applicant
Hrastar, et al.Filing Date
JANUARY 16, 2001Group
2664 **2661****U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>qllm</i>	EY.	CBR Channels on a DQRAP-based HFC Network; Chien-Ting Wu, Graham Campbell; Illinois Institute of
		Technology (Comp. Science Dept.); pps. 1-14
	EZ.	Interleaved DQRAP with Global TQ; Chien-Ting Wu, Graham Campbell; Illinois Institute of Technology
		(Comp. Science Dept.); pps. 1-27
	FA.	The EXTENDED DQRAP (XDARAP) ALGORITHM; Chien-Ting Wu, Graham Campbell; Illinois Institute of
		Technology (Comp. Science Dept.); 12/9/1994; pps. 1-4
	FB.	Extended DQRAP (EXQRAP) A Cable TEV Protocol Functioning as a Distributed Switch; Chien-Ting Wu &
		Graham Campbell; Illinois Institute of Technology (Comp. Science Dept.); pps. 1-7
	FC.	A Review of Contention Resolution Algorithms for IEEE 802.14 Networks; Nada Glomie; Yves Saintillan, &
		David H. Su; National Institute of Standards and Technology; pps. 1-11
	FD.	A Review of Contention Resolution Algorithms for IEEE 802.14 Networks; Nada Glomie; Yves Saintillan, &
		David H. Su; National Institute of Standards and Technology; pps. 1-12
	FE.	On IEEE 802.14 Medium Access Control Protocol; Ying-Dar Lin; 1998; pps. 1-13

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE: *qllm/qllm*

DATE CONSIDERED:

7/7/04

Form PTO-1449					Attorney Docket No. A-7145	Serial No. 09/760,961
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>					Applicant Hrastar, et al.	
					Filing Date JANUARY 16, 2001	Group 2664 2661

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>allm</i>	FF.	On IEEE 802.14 Medium Access Control Protocol; Ying-Dar Lin; 1998; pps. 1-11
	FG.	On IEEE 802.14 Medium Access Control Protocol; Ying-Dar Lin; 1998; pps. 1-10
	FH.	Extended DQRAP (XDQRAP); Chien Ting Wu et al.; C. S. Dept., Ill. Inst. of Tech.; Jan. 8, 1995
		pps. 1-4
	FI.	Hybrid-Fiber Coax; Hung Nguyen and Felix Yao; 4/22/96; pps. 1-11
	FJ.	Cable Data Modem Performance Evaluation, A Primer for Non-Technical Readers; Cable Television Laboratories,
		Inc.; 11/15/96; pps. 1-8
	FK.	High Speed Cable Modems, Including IEEE 802.14 Standards; Albert A. Azzam; Chapters 5, 6
<i>↓</i>	FL.	Cable Device Management Information Base for DOCSIS Compliant Cable Modems and Cable Modem Termination Systems; Michael St. Johns; 3/30/99; pps. 1-54

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE: <i>allmyfader</i>	DATE CONSIDERED: 7/7/04
---	-------------------------

Form PTO-1449					Attorney Docket No. A-7145	Serial No. 09/760,961
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>					Applicant Hrastar, et al.	
					Filing Date JANUARY 16, 2001	Group 2664 2661

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

dell	FM.	Radio Frequency (RF) Interfaces Management Information Base for MCNS/DOCSIS Compliant RF Interfaces; Mike St. Johns, (Editor); 2/17/99; pps. 1-67
		Telephony-Return Interface (TRI) Management Information Base for DOCSIS compliant Telephony-Return Cable Modems and Cable Modem Termination systems; S. Adiraju, J. Fijolek; 4/2/99; pps. 1-27
	FO.	Data Over Cable System Quality of Service Management Information Base (DOCSIS-QOS MIB); Mike Patrick; J. Harvey; Motorola ING; 6/25/99; pps. 1-43
		Docsis 1.1 IGMP MIB; H. Abramson, Motorola; June 1999; pps. 1-13
	FQ.	Publications and Technical Reports of Dolors Sala – Home Page; pps. 1-6
	FR.	Scheduling Disciplines for HFC Systems: What can we learn from ATM scheduling?; Dolors Sala, John O. Limb; GA Tech; pps. 1-12
		A Protocol for Efficient Transfer of Data over Fiber/Cable Systems; Dolors Sala, John O. Limb; GA Tech; pps. 1-16
↓	FT.	MAC Protocols for Multimedia Data over HFC Architecture; Dolors Sala Batlle; 10/27/95; pps. 1-28

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE: <i>dell</i>	DATE CONSIDERED: 1/7/04
-----------------------------------	-------------------------

Form PTO-1449					Attorney Docket No. A-7145	Serial No. 09/760,961	
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>					Applicant Hrastar, et al.		
					Filing Date JANUARY 16, 2001	Group 2664 2661	

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, etc.*)

<i>dkm</i>	FU.	An Access Protocol to Support Multimedia Traffic Over Hybrid Fiber/Coax Systems; John O. Limb, Dolors Sala; pps. 1-6					
	FV.	Simulation of the Performance of XDQRAP under a Range of Conditions; John O. Limb, Dolors Sala, Json Collins, David Hartman, Daniel Howard; pps. 1-10					
	FW.	Interleaved DQRAP with Global TQ; Chien-Ting Wu, Graham Campbell; Illinois Institute of Technology, CS Dept.; 1/8/95; pps. 1-26					
	FX.	Data Link Protocols; Uyless Black; Bell Atlantic Education Services; PTR Prentice Hall; New Jersey; 1993 pps. 141-159					
	FY.	ATM Foundation for Broadband Networks; Vol. 1; Ed. 2; Uyless Black; Prentice Hall; NJ; 1999; pp. 260-299					
	FZ.	The V Series Recommendations; Ed. 2; Uyless Black; McGraw-Hill, Inc.; 1995; pp. 169-184					
	GA.	Frame Relay Networks; Ed. 2; Uyless Black; McGraw-Hill, Inc.; 1996; pp. 159-176					
	GB.	ISDN; Ed. 2; Gary C. Kessler & Peter V. Southwick; McGraw-Hill, Inc.; 1997; pp. 111-128					

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE: <i>dkm myhalen</i>	DATE CONSIDERED: <i>7/7/04</i>
--	--------------------------------

Form PTO-1449					Attorney Docket No. A-7145	Serial No. 09/760,961
INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>					Applicant Hrastar, et al.	
					Filing Date JANUARY 16, 2001	Group 2664 2661

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, etc.*)

<i>dulu</i>	GC.	ISDN & SS7: Architecture for Digital Signaling Networks; Uyless Black; Prentice Hall; NJ; 1997; pp. 31-47
	GD.	ISDN and Broadband ISDN with Frame Relay and ATM; Ed. 4; William Stallings; Prentice Hall; NJ; 1999 pp.181-343; pp.312-343
	GE.	rfc 1541 - <i>Dynamic Host Configuration Protocol</i> , R. Droms, October 1993, found at URL http://www.cis.ohio-state.edu/htbin/rfc/rfc1541.html
	GF.	R. Droms; Dynamic Host Configuration Protocol; October 1993; pps. 1-39
	GG.	W. Richard Stevens; TCP/IP Illustrated, Volume 1, The Protocols; Chapters 1, 2, 3, 4, 9, 11, 16
	GH.	T. Li et al.; Cisco Hot Standby Router Protocol (HSRP), RFC 2281, March 1998, pps. 1-17, ftp://ftp.isi.edu/in-notes/rfc2281.txt
	GI.	Y. Rekhter et al., Address Allocation for Private Internets, RFC 1597, March 1994, pps. 1-8, ftp://ftp.isi.edu/in-notes/rfc1597.txt
<i>↓</i>	GJ.	E. Lear et al., Network 10 Considered Harmful (Some Practices Shouldn't be Codified), July 1994, pps. 1-8, ftp://ftp.isi.edu/in-notes/rfc1627.txt

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE: <i>Julius J. Dulay</i>	DATE CONSIDERED: 7/7/04
--	-------------------------

Form PTO-1449

Attorney Docket No.

A-7145

Serial No.

09/760,961

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant

Hrastar, et al.

Filing Date

JANUARY 16, 2001

Group

2664 2661

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>guru</i>	GK.	E. Gerich, Unique Addresses are Good, RFC 1814, June 1995, pps. 1-3, ftp://ftp.isi.edu/in-notes/rfc1814.txt
	GL.	Y. Rekhter et al., Address Allocation for Private Internets, RFC 1918 February 1996, pps. 1-8 ftp://ftp.isi.edu/in-notes/rfc1918.txt
	GM.	K. Egevang, The IP Network Address Translator (NAT), RFC 1631, May 1994, pps. 1-10, ftp://ftp.isi.edu/in-notes/rfc1631.txt
	GN.	P. Srisuresh et al., IP Network Address Translator (NAT) Terminology and Consideration, RFC 2663, August 1999, pps. 1-30, ftp://ftp.isi.edu/in-notes/rfc2663.txt
	GO.	P. Srisuresh et al., Load Sharing using IP Network Address Translation (LSNAT), RFC 2391, August 1998, pps. 1-18, ftp://ftp.isi.edu/in-notes/rfc2391.txt
	GP.	P. Srisuresh et al., DNS Extensions to Network Address Translators (DNS_ALG), RFC 2694, September 1999, pps. 1-29, ftp://ftp.isi.edu/in-notes/rfc2694.txt
	GQ.	P. Srisuresh, Security Model with Tunnel-mode IPsec for NAT Domains, RFC 2709, October 1999, pps 1-11, ftp://ftp.isi.edu/in-notes/rfc2709.txt
<i>✓</i>	GR.	G. Tsirtsis et al., Network Address Translation - Protocol Translation (NAT-PT), RFC 2766, February 2000, pps. 1-21, ftp://ftp.isi.edu/in-notes/rfc2766.txt

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

guru

DATE CONSIDERED:

7/7/04

Form PTO-1449

Attorney Docket No.

A-7145

Serial No.

09/760,961

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant
Hrastar, et al.Filing Date
JANUARY 16, 2001Group
2664 2661**U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
							Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>dkm</i>	GS.	E. Nordmark, Stateless IP/ICMP Translation Algorithm (SIIT), RFC 2765, February 2000, pps. 1-26 ftp://ftp.isi.edu/in-notes/rfc2709.txt
<i>dkm</i>	GT.	M. Allman et al., FTP Extensions for IPv6 and NATs, RFC 2428, September 1998, pps. 1-8, ftp://ftp.isi.edu/in-notes/rfc2428.txt

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

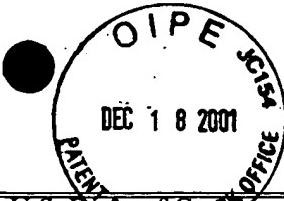
Allison Frater

DATE CONSIDERED:

7/7/04

IDS# 5 *full*

Page 1 of 2



Form PTO-1449

U.S. Dept. of Commerce, Patent and Trademarks
LIST OF ART CITED BY APPLICANT
 (Use several sheets if necessary)

Attorney Docket No.
A-7145Serial No.
09/760,961Filing Date
JANUARY 16, 2001Applicant:
HRASTAR ET AL.Group
2664
 Technology Center 2600
 DEC 21 2001

RECEIVED

U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Subclass	
<i>dkm</i>	A	5,047,928	9/10/91	Wiedemer	364	406	
<i>dkm</i>	B	5,197,094	3/23/93	Tillery, et al.	379	91	
<i>dkm</i>	C	5,553,095	9/3/96	Engdahl et al.	375	222	
<i>dkm</i>	D	5,703,795	12/30/97	Mankovitz	364	514	
<i>dkm</i>	E	5,708,961	1/13/98	Hylton, et al.	455	4.2	
<i>dkm</i>	F	5,761,602	6/2/98	Wagner, et al.	455	3.1	
<i>dkm</i>	G	5,835,725	11/10/98	Chiang, et al.	395	200.58	
<i>dkm</i>	H	5,881,234	3/9/99	Scwob	395	200.49	
<i>dkm</i>	I	5,898,780	4/27/99	Liu, et al.	380	25	
<i>dkm</i>	J	5,905,736	5/18/99	Ronen, et al.	370	546	
<i>dkm</i>	K	5,956,391	9/21/99	Melen, et al.	379	114	
<i>dkm</i>	L	6,073,178	6/6/00	Wong, et al.	709	229	
<i>dkm</i>	M	6,178,455	1/23/01	Schutte, et al.	709	228	
<i>dkm</i>	N	6,208,656	3/27/01	Hrastar, et al.	370	401	
<i>dkm</i>	O	6,230,203	5/8/01	Koperda, et al.	709	229	
<i>dkm</i>	P	6,249,523	6/19/01	Hrastar, et al.	370	401	
<i>dkm</i>	Q	6,272,150	8/7/01	Hrastar, et al.	370	486	

FOREIGN PATENT DOCUMENTS

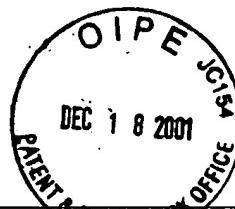
		Document No.	Date	Country	Class	Subclass	Translation

OTHER PRIOR ART (Including Author Title, Date, Pertinent Pages, Etc.)

EXAMINER *dkm*

DATE CONSIDERED: 7/7/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance. Include copy of this form with next communication to Applicant.



IDS# 5 Qdr